

WA IN	Cooling water inlet	Pipe fitting $\phi 10$, Hole: G1/4
WA OUT	Cooling water outlet	Pipe fitting $\phi 10$, Hole: G1/4
AS	Sealing air	Pipe fitting $\phi 6$, Hole: G1/8
EC	Power cable and Thermistors in coil	Cable length: 1m
N.W		23kg
G.W		29kg
MEAS		590×290×370mm
INFRANOR	DGZM-12030 / 15-DWS	GZM96(2)-000-DY

Spindle Technical Specifications

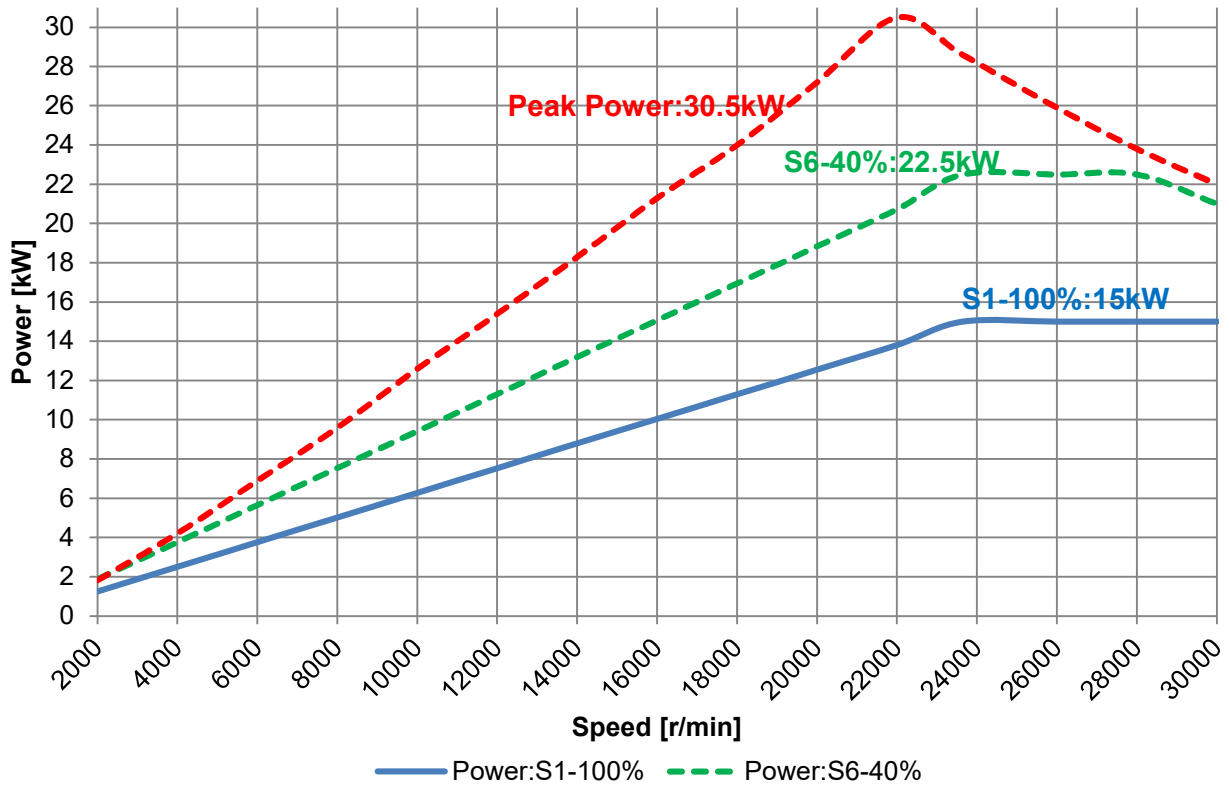
Spindle model	DGZM-12030/15-DWS	
Items	Parameters	Note
Motor Type	Asynchronous	
Poles	4	
Voltage (V)	380	
Rated Power (S1-100%) (kW)	15	
Rated Torque (S1-100%) (Nm)	6	
Rated Current (S1-100%) (A)	25	
Rated Power (S6-40%) (kW)	22.5	ts=2 min
Rated Torque (S6-40%) (Nm)	9	ts=2 min
Rated Current (S6-40%) (A)	42	ts=2 min
Max. speed (rpm)	30,000	
Rated speed (rpm)	23,640	
Isolation Resistance (MΩ)	≥500	
Grounding Check (Ω)	≤1.5	
Tool interface	Straight hole and screw threadΦ23-M22×1.5	
Out Cone Radial Run-out (mm)	≤0.001	
Axial Run-out(mm)	≤0.001	
Testing bar Radial Run-out(50mm)	≤0.005	
Bearing's lubrication type	Grease	
Axial stiffness (N/μm)	≥90	
Radial stiffness (N/μm)	≥110	
Vibration (mm/s)	≤0.8	
Spindle Coolant Medium	Water	

Cooling Power Demand (kW)	1.5	
Coolant Flow (L/min)	4-6	
Air Sealing (MPa)	0.15	
Motor temperature sensor	KTY84-130	
Installation direction	Horizontal	
N.W (kg)	23	
G.W (kg)	29	
Package size(mm)	590×290×370	

Power and Torque Diagram

Model: DGZM-12030/15-DWS

Power Diagram (Cycle time:2 min)



Torque Diagram (Cycle time:2 min)

